

# SNEATH LANE AND LAKE DRIVE PUMP STATIONS REHABILITATION PROJECT

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Council Meeting

September 10, 2019

**Jimmy Tan, P.E.**

**Public Works Director**



# Agenda

- Background
- Consultant Selection
- Scope of Work, Schedule and Budget
- Alternatives
- Recommendations

# Background

- City's Water Distribution System
  - Pressure Zones: 11
  - Distribution Pipelines: Approximately 120 miles
  - Connections to SFPUC System: 4
  - Storage Tanks: 8
  - Pump Stations: 8
  - Pressure Regulating Stations: 26
  - Groundwater Wells: 4 active
- Completed Water Master Plan in 2012
- Preliminary assessment
  - Both pump stations lack standby emergency generators
  - Electrical facilities are not to current code

# Project Locations



# Consultant Selection

- Issued Request for Proposal in March 2019
- Received two proposals
- Evaluated proposals based on criteria:
  - Project understanding and approach
  - Qualifications and experience of project manager and team
  - Qualifications relating to design of water pump stations and electrical facilities
  - Completion of similar projects for public agencies
  - Manpower labor effort to effectively and efficiently complete the project
- Recommending award of design contract to Water Works Engineers

# Scope of Work and Schedule

- **Scope of Work**

- Design of standby generators
- Evaluation electrical facilities
- Structural assessment
- Designing new manifold with flow meters
- Completing detail final design and preparing bid documents
- Providing construction support services

- **Schedule**

- Design Phase: 12 months
- Construction Phase: 10 months

- **Budget**

- \$395,838 available in FY 2019-20
- Additional appropriation of \$210,000 needed from Water Fund

# Alternatives

1. Direct staff to issue new request for proposals.
2. Do not authorize the award of this contract and defer the project.

# Recommendation

- Adopt Resolution Authorizing the City Manager to Execute a Contract with Water Works Engineers for Design Services for the Sneath Lane and Lake Drive Pump Stations Rehabilitation Project in an Amount Not to Exceed \$546,037 and Appropriating \$210,000 from the Water Fund

Questions?